Amendments to the Specification

Pages 6-8, the paragraph bridging these pages, page 6, line 26 to page 8, line 27, replace the paragraph with:

A conveyer system for conveying sample racks comprises a first conveyer line 6, a first rack rotor or first buffer 7, a first line switching unit 8, a second conveyer line 9, a third conveyer line 10, a second line switching unit 11, a fourth conveyer line 22, and a second (rack) rotor or second buffer 12. The first conveyer line 6 conveys sample racks among the general sample loading unit 3 or the urgent sample loading unit 5, a sample rack collecting unit (rack unloader) 4, and the first rack rotor 7. The first rack rotor 7 is a sample buffer for holding a plurality of sample containers containing samples. The first conveyer line 6 is movable in both way i.e., back and forth. The first rack rotor 7 has slots formed therein to be able to hold twenty sample racks 13. The term "slot" means a space for holding the sample rack 13 in it. The first rotor 7 serves as a junction for sending general samples or urgent samples to the third conveyer line 10, but it may also have slots for temporarily receiving the sample rack under sampling or the sample rack in a sampling standby state for temporary evacuation when the urgent sample is loaded. Further, the first rotor 7 may always hold a sample rack, which contains a QC (Quality Control) sample used for calibrating the analysis system, so that those samples can be measured as required or periodically by the analysis unit under operation. In addition, the first rotor 7 functions as a re-analysis buffer for holding a sample rack, for which sampling into the analysis unit has completed, to be ready for a request for re-analysis. The request for re-analysis is a request for carrying out the analysis again to ensure

reliability of the analysis when the analysis result is outside the range obtained from the ordinary analysis. The request for re-analysis is not designated by a system operator for each sample, but it is issued based on a judgment automatically made by the analysis system on the analysis result. The sample rack on the first rotor 7 is taken in by the first line switching unit 8 for transfer onto the third conveyer line 10. The third conveyer line 10 is a line for conveying the sample rack to a sampling position for the analysis unit. The right end of the third conveyer line 10 serves as the sampling position for the analysis unit. While samples in one sample rack are under sampling, the first line switching unit 8 can keep a next sample rack in a standby state at the left end of the third conveyer line 10. The sample rack for which the sampling has completed is transferred onto the second conveyer line 9 or the fourth conveyer line 22 by the second line switching unit 11. The sample rack having been transferred onto the second conveyer line 9 is returned to the first rotor 7 through the first line switching unit 8. Thus the second conveyer line 9 moves back and forth. If the samples in the sample rack 13 are requested for ISE (Ion Selective Electrode) analysis, the relevant sample rack is loaded onto the second rotor 12 through the fourth conveyer line 22. When the ISE analysis is completed for the sample rack 13 on the second rotor 12, the relevant sample rack is returned to and placed on the first rotor 7 through the fourth conveyer line 22, the second line switching unit 11, the second conveyer line 9, and the first line switching unit 8. Thus the fourth conveyer line 22 also moves back and forth. The sample rack for which all of the required analysis has completed is collected into the sample rack collecting unit 4 from the first rotor 7 through the first conveyer line 6.

Page 16, the third full paragraph, lines 17-24, replace the paragraph with:

In this second embodiment, the second rotor 12 in the form of a solid of revolution in Fig. 1 is replaced with a box-shaped unit 40 (hereinafter referred to as a "second buffer unit") disposed on the back side of the analysis unit 1. With such an arrangement, the size of the overall system according to this second embodiment is smaller than that in the first embodiment, and a more compact analysis system can be provided.

Page 20, the first full paragraph, lines 2-4, replace the paragraph with:

In this third embodiment, the second rotor is replaced with a box-shaped second buffer unit 41 disposed on the back side of the analysis unit 1 as in the second embodiment.